

FORM PCT/1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SEP 7 2004 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 5038.1003
INTERNATIONAL APPLICATION NO. PCT/DE03/00661		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) To be assigned 10/506982
INTERNATIONAL FILING DATE March 3, 2003		PRIORITY DATE CLAIMED March 7, 2002
TITLE OF INVENTION <b>METHOD AND DEVICE FOR PRODUCING PRECISION INVESTMENT-CAST NE METAL ALLOY MEMBERS AND NE METAL ALLOYS FOR CARRYING OUT SAID METHOD</b>		
APPLICANT(S) FOR DO/EO/US <b>Manfred RENKEL, et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> <p><b>Items 13 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EV 382 791 567 US</u></li> <li>23. <input checked="" type="checkbox"/> Other items or information:  <b>Letter re. Priority, Application Data Sheet</b> </li> </ol>		

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.55) To be assigned <b>10/506982</b>	INTERNATIONAL APPLICATION NO. <b>PCT/DE03/00661</b>	ATTORNEY'S DOCKET NUMBER <b>5038.1003</b>
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24. The following fees are submitted:

**CALCULATIONS** PTO USE ONLY

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

- |                                     |   |                  |
|-------------------------------------|---|------------------|
| <input type="checkbox"/>            | Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . . | <b>\$1080.00</b> |
| <input checked="" type="checkbox"/> | International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO . . . . .   | <b>\$920.00</b>  |
| <input type="checkbox"/>            | International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . .  | <b>\$770.00</b>  |
| <input type="checkbox"/>            | International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . .   | <b>\$730.00</b>  |
| <input type="checkbox"/>            | International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) . . . . .   | <b>\$100.00</b>  |

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**\$920.00**

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

**\$0.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	17 - 20 =	0	x \$18.00	\$0.00
Independent claims	3 - 3 =	0	x \$86.00	\$0.00

**Multiple Dependent Claims (check if applicable).**

**TOTAL OF ABOVE CALCULATIONS =**

**\$920.00**

- ☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

**\$0.00**

**SUBTOTAL =**

**\$920.00**

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

**\$0.00**

**TOTAL NATIONAL FEE** =

**\$920.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **(check if applicable)**.

**\$0.00**

**TOTAL FEES ENCLOSED** =

**\$920.00**

Amount to be: refunded	\$
charged	\$

- a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-0552 in the amount of \$920.00 to cover the above fees.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0552
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

**SEND ALL CORRESPONDENCE TO:**

**DAVIDSON, DAVIDSON & KAPPEL, LLC**  
**485 Seventh Avenue, 14th Floor**  
**New York, NY 10018**  
**(212) 736-1940**

**SIGNATURE**

**William C. Gehris**

NAME \_\_\_\_\_

**38,156**

REGISTRATION NUMBER

**September 7, 2004**

DATE \_\_\_\_\_

DT09 Rec'd PCT/PTO 07 SEP 2004

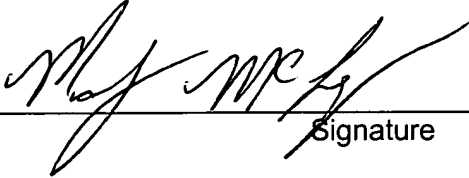
**Certificate of Mailing By Express Mailing under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to:

Mail Stop: PCT  
Commissioner for Patents  
P.O. Box 1450; Alexandria, VA 22313-1450

on September 7, 2004.

Date



Signature

Mark McLean

Typed or printed name of person signing Certificate

EV 382 791 567 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing by Express Mail, or this certificate must identify each submitted paper.

Re.: Docket No.: 5038.1003  
Applicant(s): Manfred RENKEL et al.  
Serial No.: To be assigned  
Invention: METHOD AND DEVICE FOR PRODUCING PRECISION INVESTMENT-CAST NE METAL ALLOY MEMBERS AND NE METAL ALLOYS FOR CARRYING OUT SAID METHOD  
Filing Date: Herewith national phase of International Patent Application PCT/DE03/00661, filed March 3, 2003

- Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (2 pages);
- Copy of Int. Patent Application PCT/DE03/00661 (including 2 sheets of drawing) w/ Int. Search Report (14 + 10 pages);
- Translation of Int. Patent Application PCT/DE03/00661 (11 pages);
- Preliminary Amendment (8 pages);
- Copy of unexecuted Declaration & Power of Attorney (1 page);
- Application Data Sheet (2 pages);
- Letter re: Priority (1 page);
- Confirmation Postcard

10/506982

DT09 Rec'd PCT/PTO 07 SEP 2004

5038.1003

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Re: Application of: **Manfred RENKEL et al.**

Serial No.: To Be Assigned

Filed: Herewith as national phase of International Application  
No. PCT/DE03/00661, filed March 3, 2003

For: **METHOD AND DEVICE FOR PRODUCING PRECISION  
INVESTMENT-CAST NE METAL ALLOY MEMBERS AND  
NE METAL ALLOYS FOR CARRYING OUT SAID  
METHOD**

**LETTER RE: PRIORITY**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

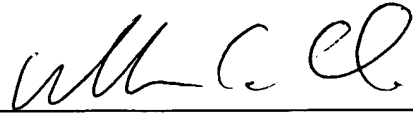
September 7, 2004

Sir:

Applicant hereby claims priority of German Patent Application No. 102 10 001.2, filed March 7, 2002 through International Patent Application Serial No. PCT/DE03/00661, filed March 3, 2003.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By 

William C. Gehris, Reg. No. 38,156  
(Signing for Thomas P. Canty, Reg. No. 44,586)

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